

RADIAL TUBE AIR BAG FOLDING APPARATUS AND METHOD

Abstract

A folding apparatus (100) for inserting an air bag and housing into an interior cavity of a cover, the apparatus comprising: an arcuately shaped tube, the tube sized in cross-section to slidably receive the housing and drawing the air bag up into the tube, the tube including an open first end oriented so that a plane through the first end is substantially parallel to vertical; a ram apparatus movable through the tube and adapted to hold and move the housing and air bag through the tube; a holding apparatus means for orienting the cover so that its internal cavity is in alignment with and adjacent to the first end such that the housing and air bag can be rammed into the cover internal cavity.